

1. IDENTIFICATION

Product Identifier

Product Name Westsonic HD
Chemical Name Alkali detergent solution

Recommended use of the chemical and restrictions on use

Recommended use Ultrasonic cleaner
Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
 11411-160 Street
 Edmonton, AB,
 T5M3T7
 Tel: 1-780-454-3919 (during office hours only, 8:00am to 4:30pm MST)

Emergency Telephone Number

Main office – (780)-454-3919, 8:00 AM to 4:30 PM MST

2. HAZARDS IDENTIFICATION

Classification

Corrosive to metals	Category 1
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Label Elements

DANGER

Hazard Statements

May be corrosive to metals.
 Causes severe skin burns and eye damage.



Precautionary Statements - Prevention

Keep only in original packaging.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash face, hands, and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 Absorb spillage to prevent material damage.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
sodium hydroxide	1310-73-2	5-10
alcohol ethoxylate	68131-39-5	1-5
sodium xylene sulfonate	1300-72-7	1-5

* The actual concentration has been withheld as a trade secret

4. FIRST AID MEASURES**Ingestion**

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Causes burns to eyes, skin, and mucous membranes. Symptoms include tingling sensation and / or reddening of tissues.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Handling Avoid contact with skin, eyes, and clothing.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool, and well-ventilated place.

Incompatible Materials Strong acids

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV
sodium hydroxide 1310-73-2	STEL: 2 mg/m ³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Splash proof goggles or face shield.

Skin and body protection Wear rubber or neoprene gloves, rubber apron and boots.

Respiratory Protection If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE:**

Clear colorless liquid

ODOR:

Faint detergent

ODOR THRESHOLD:

Not applicable

pH:

> 13.5

MELTING POINT / FREEZING POINT:

0 °C

BOILING POINT/BOILING RANGE:

100 °C

FLASH POINT:

None

EVAPORATION RATE, water = 1:

1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C:

Not applicable

VAPOR DENSITY (Air = 1):

Not applicable

RELATIVE DENSITY AT 20°C:

1.06

SOLUBILITY IN WATER:

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:

Not available

AUTO-IGNITION TEMPERATURE:

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

< 10 cps

FLAMMABLE LIMITS:

UPPER: Not applicable **LOWER:** Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Not reactive

Conditions to Avoid

Store away from incompatible materials.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Strong acids

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide 1310-73-2	500 mg/kg (rabbit LDLo)	1350 mg/kg (rabbit)	Not applicable
Sodium xylene sulfonate 1300-72-7	7200 mg/kg (rat)	Not available	Not applicable
Ethoxylated alcohol 68131-39-5	1650 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not applicable

Information on likely sources of exposure

Serious eye damage/irritation

Corrosive to eyes and may cause grave lesions, including blindness.

Skin corrosion/irritation

Corrosive to skin.

Ingestion

Ingestion may cause burns to the digestive and respiratory tract.

Inhalation

Spray mist may cause irritation or burns to respiratory tract.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed human carcinogens.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration Hazard

None known.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of tissues, eventually leading to burn lesions.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Fish	Waterflea	Algae
Sodium hydroxide 1310-73-2	25 ppm: 24 h LC50 brook trout	100 ppm: 48 h EC50 Daphnia	765 ug/L, 30 days
Sodium xylene sulfonate 1300-72-7	> 1000 mg/L: 96 h LC50	> 1000 mg/L: 48 h EC50 Daphnia	> 230 mg/kg, 72 H
Ethoxylated alcohol 68131-39-5	5-10 mg/L: 96 h LC50	5-10 mg/L: 48 h EC50 Daphnia	10-100mg/L, 96 H

Persistence and degradability

No information available

Bioaccumulative potential

None known

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

UN Number: 3266
UN Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (sodium hydroxide solution)
Transport Hazard Class(es):
 Class: TDG: 8
 US DOT: 8
 IMDG: 8
Label(s): 8
Packing Group: II
Marine Pollutant: No

Special precautions for user: None established

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not determined

15. REGULATORY INFORMATION

Canada (DSL/NDSL)

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

HMIS Information:

Health: 3
Flammability: 0
Reactivity: 0

16. OTHER INFORMATION**Preparation Date**

6 July 2016

Revision Date

3 July 2025

Revision Note

Revision 2 – Modifications to Sections 1

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS